

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

LUD 5298

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ACTIVIN RECEPTOR-LIKE KINASES, PROTEINS HAVING SERINE  
THREONINE KINASE DOMAINS AND THEIR USE

the specification of which (check only one item below):

 is attached hereto. was filed as United States applicationSerial No. 08/436,265on May 16, 1995

on \_\_\_\_\_

and was amended

on \_\_\_\_\_ (if applicable).

 was filed as PCT international applicationNumber PCT/GB93/02367on November 17, 1993

on \_\_\_\_\_ and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

## PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
GB	9224057.1	17 November 1992	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

Combined Declaration For Patent Application and Power of Attorney (Continued) (Includes Reference to PCT International Applications)		ATTORNEY'S DOCKET NUMBER LUD 5298
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER  
35 U.S.C. 120:**

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
<b>PCT APPLICATIONS DESIGNATING THE U.S.</b>				
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		
PCT/GB93/02367	Nov. 17, 1993	X		

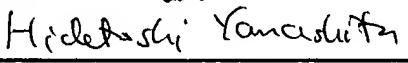
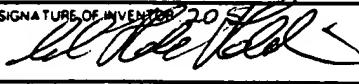
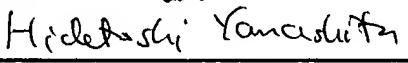
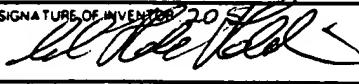
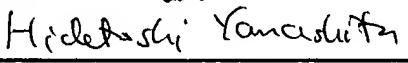
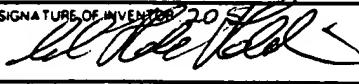
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number) Peter F. Felfe (20,297); John E. Lynch (20,940); Alfred H. Hemingway, Jr. (26,736); Vincent M. Fazzari (26,879); Norman D. Hanson (30,946); F. Brice Faller (29,532); Andrew L. Tiajoloff (31,575); John P. Luther (32,261); John A. Bauer (32,554); and Patricia A. Pasqualini (34,894).

Send Correspondence to:	FELFE & LYNCH 905 Third Avenue New York, New York 10022	Direct Telephone Calls to: (Name and telephone number) (212) 688-9200
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201	FULL NAME OF INVENTOR	FAMILY NAME <u>Miyazono</u>	FIRST GIVEN NAME <u>Kohei</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Uppsala</u>	STATE OR FOREIGN COUNTRY <u>Sweden</u>	COUNTRY OF CITIZENSHIP <u>SEX</u> <u>Sweden</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>Flogstavagen 63D, S-752</u>	CITY <u>63, Uppsala</u>	STATE & ZIP CODE/COUNTRY <u>Sweden</u>
202	FULL NAME OF INVENTOR	FAMILY NAME <u>ten Dijke</u>	FIRST GIVEN NAME <u>Peter</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Uppsala</u>	STATE OR FOREIGN COUNTRY <u>Sweden</u>	COUNTRY OF CITIZENSHIP <u>SEX</u> <u>Sweden</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>Flogstavagen 25C, S-752</u>	CITY <u>63, Uppsala</u>	STATE & ZIP CODE/COUNTRY <u>Sweden</u>
203	FULL NAME OF INVENTOR	FAMILY NAME <u>Franzen</u>	FIRST GIVEN NAME <u>Petra</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Uppsala</u>	STATE OR FOREIGN COUNTRY <u>Sweden</u>	COUNTRY OF CITIZENSHIP <u>SEX</u> <u>Sweden</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>Lindsbergsgatan 15b,</u>	CITY <u>S-752 40, Uppsala</u>	STATE & ZIP CODE/COUNTRY <u>Sweden</u>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Kohei Miyazono</i>	SIGNATURE OF INVENTOR 202 <i>Reuben Franzen</i>	SIGNATURE OF INVENTOR 203 <i>Peter Franzen</i>
DATE 14 June 1995	DATE 6 June 1995	DATE 12 June 1995

Combined Declaration For Patent Application and Power of Attorney (Continued) (Includes Reference to PCT International Applications)		ATTORNEY'S DOCKET NUMBER JUD 5298																																																				
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Applicant/Patentee: Miyazono et al.

Serial/Patent No.: 08/436,265

Filed/Issued: May 16, 1995

For: ACTIVIN RECEPTOR-LIKE KINASES, PROTEINS HAVING SERINE THREONINE KINASE DOMAINS AND THEIR USE

Attorney's Docket No.: LUD 5298-JEL/PAP

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION Ludwig Institute for Cancer Research

ADDRESS OF ORGANIZATION 1345 Avenue of the Americas  
New York, New York 10105

TYPE OF ORGANIZATION

( ) UNIVERSITY OR OTHER INSTITUTE OF HIGHER EDUCATION  
(X) TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3))  
( ) NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)  
( ) WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA  
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(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATE \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled:

ACTIVIN RECEPTOR-LIKE KINASES, PROTEINS HAVING SERINE THRONINE KINASE DOMAINS AND THEIR USE

by inventor(s) Miyazono et al.

described in

( ) the specification filed herewith  
(X) application Serial No. 08/436,265, filed May 16, 1995  
( ) Patent No. \_\_\_\_\_, issued

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

Cont'd

**FELFE & LYNCH  
805 Third Avenue  
New York, New York 10022  
(212) 688-9200**

Verified Statement (Declaration) Claiming Small Entity Status  
37 CFR 1.9(f) and 1.27(d)) - Nonprofit Organization

Page 2

Applicant/Patentee: Miyazono et al.

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Attorney's Docket No.: LUD 5298-JEL/PAP

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). \*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL  SMALL BUSINESS CONCERN  NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

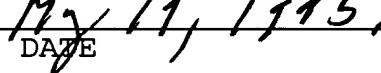
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Lloyd J. Old

TITLE IN ORGANIZATION Chief Executive Officer

ADDRESS OF PERSON SIGNING 1345 Avenue of the Americas  
New York, New York 10105

  
SIGNATURE

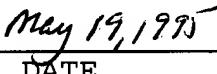
  
DATE

NAME OF PERSON SIGNING Edward A. McDermott, Jr.

TITLE IN ORGANIZATION President

ADDRESS OF PERSON SIGNING 1345 Avenue of the Americas  
New York, New York 10105

  
SIGNATURE

  
DATE

FELFE & LYNCH  
805 Third Avenue  
New York, New York 10022  
(212) 688-9200